Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

10/720,370 Examiner

Hugh B. Thompson II

Applicant(s)/Patent under Reexamination

HOCK ET AL.

Art Unit

3634

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |  |                                     | <u> </u> |          |          |  | ł        |              | <u> </u> | <u></u>         |  |  |  |
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|  | 3  | 11                                  | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u> | _            | <u> </u> | Щ               |  |  |  |
|  | 4  | Н                                   | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> |                 |  |  |  |
|  | 5  | Ш                                   | L        | <u> </u> | <u> </u> | <u> </u>   |          | _            | <u>_</u> |                 |  |  |  |
| <u> </u>   | 6  | Ш                                   | _        | <u> </u> | <u> </u> | <u> </u>   | _        |              | _        |                 |  |  |  |
|  | 7  | Ц                                   | _        | _        | L        | _  | <u> </u> | <u> </u>     |          |                 |  |  |  |
|  | 8_   | Ц                                   | _        | L.       | _        | _  |          | _            |          | Ш               |  |  |  |
|  | 9  | Ц                                   |          |          | L        | L  | L        | _            | _        |                 |  |  |  |
|  | 10   | Ш                                   |          |          | L        | L  |          | _            | _        |                 |  |  |  |
|  | 11   | $\sqcup$                            |          |          |          |  |          |              |          |                 |  |  |  |
|  | 12   | Ш                                   |          |          |          |  |          |              |          |                 |  |  |  |
|  | 13   | $\prod$                             |          | L        |          |  |          |              |          |                 |  |  |  |
|  | 14   |                                     |          |          |          |  |          |              |          |                 |  |  |  |
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|  | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | П                                   |          |          |          |  | Π        |              |          | П               |  |  |  |
|  | 17   | $\sqcap$                            |          | Г        |          |  |          | Г            |          | П               |  |  |  |
|  | 18   | Π                                   |          |          |          |  |          |              |          | П               |  |  |  |
|  | 19   | $\dagger \dagger$                   |          | ┢        | Н        |  |          |              |          | П               |  |  |  |
|  | 20   | H                                   | 1        | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |              |          | Н               |  |  |  |
|  | 21   | ╫                                   | <u> </u> | H        | $\vdash$ | ┢  | $\vdash$ | ┢            | $\vdash$ | H               |  |  |  |
|  | 22   | H                                   |          | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |              | $\vdash$ | Н               |  |  |  |
| $\vdash$   | 21<br>22<br>23<br>24<br>25<br>26<br>27<br>28             | ╫                                   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ |              | $\vdash$ | Н               |  |  |  |
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|  | 25   | -                                   |          | $\vdash$ | ┝        | -  | ┝        | <del> </del> | ├─       | Н               |  |  |  |
|  | 26   | ╫╴                                  |          | -        | ├        |  |          |              | -        |                 |  |  |  |
| -  | 27   | -                                   |          | -        | ┝        | -  | ┝        |              | ┝        | Н               |  |  |  |
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|  | 20   | 1                                   | -        | -        | -        | _  | ├        | $\vdash$     | ┝        | Н               |  |  |  |
|  | 29   | -11                                 | -        |          | -        |  |          |              |          |                 |  |  |  |
| <del>                                     </del> | 29<br>30<br>31<br>32<br>33                               | #                                   | $\vdash$ | -        | <u> </u> | $\vdash$   | $\vdash$ | <u> </u>     | -        | $\vdash$        |  |  |  |
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|  | 32   | -                                   | $\vdash$ | -        | _        | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | Н               |  |  |  |
|  | 33   | #                                   | <u> </u> | -        | <u> </u> | _  | <u> </u> |              | $\vdash$ | Н               |  |  |  |
| <u> </u>   | 34<br>35   | 11-                                 | _        |          |          |  | <b></b>  |              | <u> </u> | $\sqcup$        |  |  |  |
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| igsquare   | 42   | L                                   | _        | _        |          |  |          | _            |          |                 |  |  |  |
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|  | 44   |                                     |          |          |          |  |          |              |          |                 |  |  |  |
|  | 45   |                                     |          |          |          |  |          |              |          |                 |  |  |  |
|  | 46   |                                     |          |          |          |  |          |              |          |                 |  |  |  |
|  | 47   |                                     |          |          | _        |  |          | Г            |          |                 |  |  |  |
|  | 48   |                                     |          |          |          |  |          |              |          |                 |  |  |  |
|  | 49   | Г                                   |          |          |          |  | $\Box$   |              | $\Box$   | $\Box$          |  |  |  |
| <b></b>  | 50   |                                     |          |          |          |  |          | $\vdash$     |          | М               |  |  |  |

| Claim |              |          |          | - | Date   | • |          |          |          | ] | Cla   | im       |          |         |   | [ | Date | e |          | _      | $\neg$    |
|-------|--------------|----------|----------|---|--------|---|----------|----------|----------|---|-------|----------|----------|---------|---|---|------|---|----------|--------|-----------|
|       | 25           |          |          |   |        |   |          |          |          |   | Final | Original |          |         |   |   |      |   |          |        |           |
| 1     |              |          |          | _ | H      |   |          | $\vdash$ |          | ł |       | 51       |          | +       |   |   | _    |   |          |        | $\dashv$  |
| 2     | ı,           |          |          |   |        |   |          | $\vdash$ |          |   |       | 52       |          | 7       |   | _ | -    |   |          |        | $\dashv$  |
| 3     | Ħ            |          |          |   |        |   |          |          |          | 1 |       | 53       |          | $\neg$  | _ | _ |      |   |          |        | $\neg$    |
| 4     | П            |          |          |   |        |   |          |          | Т        | ĺ |       | 54       |          | 7       |   |   |      |   |          |        | $\Box$    |
| 5     | T            | Т        |          |   |        |   |          | $\vdash$ |          | i |       | 55       |          | 7       |   |   |      |   |          |        | $\Box$    |
| 6     | $\Pi$        |          |          |   |        |   |          | $\vdash$ | Г        | 1 |       | 56       |          | $\neg$  | _ |   |      |   |          |        |           |
| 7     | П            |          |          |   |        |   |          |          |          | 1 |       | 57       |          |         |   |   |      |   |          |        |           |
| 8     | П            |          |          |   |        |   |          |          | $\vdash$ | i | -     | 58       |          | $\neg$  |   | _ |      |   |          |        |           |
| 9     | П            |          |          |   |        |   |          |          |          | 1 |       | 59       |          | $\neg$  |   | _ |      |   |          |        |           |
| 10    | П            |          |          |   |        |   |          |          | Γ        | 1 |       | 60       |          |         |   |   |      |   |          |        |           |
| 11    | П            |          |          |   |        |   |          |          | Γ        | i |       | 61       |          | $\neg$  |   |   |      |   |          |        |           |
| 12    | $\Box$       |          |          |   |        |   |          |          |          | ] |       | 62       |          |         |   |   |      |   |          |        |           |
| 13    | $\prod$      |          |          |   |        |   |          |          |          | ] |       | 63       |          |         |   |   |      |   |          |        |           |
| 14    |              |          |          |   |        |   |          |          |          | ] |       | 64       |          |         |   |   |      |   |          |        |           |
| 15    | $\Box$       |          |          |   |        |   |          |          |          | ] |       | 65       |          |         |   |   |      |   |          |        |           |
| 16    |              |          |          |   |        |   |          |          |          | ] |       | 66       |          |         |   |   |      |   |          |        |           |
| 17    | П            |          |          |   |        |   |          |          |          |   |       | 67       |          |         |   |   |      |   |          |        |           |
| 18    | П            |          |          |   |        |   |          |          |          | ] |       | 68       |          |         |   |   |      |   |          |        |           |
| 19    | П            |          |          |   |        |   |          |          |          | ] |       | 69       |          |         |   |   |      |   | Ī        |        |           |
| 20    | П            |          |          |   |        |   |          |          |          |   |       | 70       |          |         |   |   |      |   |          |        |           |
| 21    |              |          |          |   |        |   |          |          |          |   |       | 71       |          |         |   |   |      |   |          |        |           |
| 22    | Ш            |          |          |   |        |   |          |          |          |   |       | 72       |          |         |   |   |      |   |          |        |           |
| 23    |              |          |          |   |        |   |          |          |          | ] |       | 73       |          |         |   |   |      |   |          |        |           |
| 24    |              |          |          |   |        |   |          |          |          |   |       | 74       |          |         |   |   |      |   |          |        |           |
| 25    |              |          |          |   |        |   |          |          |          |   |       | 75       |          |         |   |   |      |   |          |        |           |
| 26    |              |          |          |   |        |   |          |          |          | ] |       | 76       |          |         |   |   |      |   |          |        |           |
| _ 27  |              |          |          |   |        |   |          |          | <u> </u> | ] |       | 77       |          |         |   |   |      |   |          |        |           |
| 28    |              |          |          |   |        |   |          |          |          |   |       | 78       |          |         |   |   |      |   |          |        |           |
| 29    | 11_          |          |          |   |        |   |          |          |          | ] |       | 79       |          |         |   |   |      |   |          |        |           |
| 30    |              |          |          |   |        |   |          |          |          |   |       | 80       |          |         |   |   |      |   |          |        |           |
| 31    | Ш            |          |          |   |        |   |          | _        |          |   |       | 81       |          | $\perp$ | _ |   |      |   |          |        |           |
| 32    | 11           | _        |          |   | $\Box$ |   |          | _        | L        |   |       | 82       | Ш        | _       |   |   |      | _ |          |        |           |
| 33    | Щ            | <u> </u> |          |   | Ш      |   |          | _        |          |   |       | 83       | $\sqcup$ |         |   |   |      | _ |          |        |           |
| 34    | Ц_           |          |          |   |        |   |          | _        | L_       |   |       | 84       |          | _       | _ |   |      | _ | Ш        | Ш      |           |
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| 36    | Щ,           | <u> </u> | Щ        |   |        |   | L.       | L_       | <u> </u> |   |       | 86       |          | _       |   | _ |      |   |          |        | $\square$ |
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| 38    | Q            |          | <u> </u> | _ |        |   | _        | _        | _        |   |       | 88       | $\sqcup$ | _       | _ |   |      |   |          |        |           |
| 39    | 0            | $\vdash$ | Щ        |   | _      |   | <u> </u> | <u> </u> | <u> </u> |   |       | 89       |          |         | _ | _ |      |   |          | Щ      |           |
| 40    | _            |          | Ш        |   | Ш      |   | _        | _        | <u> </u> |   |       | 90       | $\sqcup$ | 4       | _ |   |      |   |          | Щ      |           |
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| 42    | <u> </u>     | _        | _        |   |        |   |          | <u> </u> | <u> </u> |   |       | 92       |          | _       |   |   |      |   |          |        |           |
| 43    | _            | $\vdash$ |          |   |        |   | _        | <u> </u> | <u> </u> |   |       | 93       |          | _       | _ | _ | _    | _ | $\Box$   | Ш      | Щ         |
| 44    | 1_           | _        | Щ        |   |        |   | <u> </u> | _        | <u> </u> |   |       | 94       | $\sqcup$ | _       | _ | _ | L_   |   |          | $\Box$ | Щ         |
| 45    | <u> </u>     |          |          | L |        |   |          | <u> </u> | <u> </u> |   |       | 95       | $\dashv$ | 4       | _ | _ |      |   |          | Ш      | Щ         |
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| 50    | <u> </u>     | _        |          |   | لـــا  |   |          | L        | <u></u>  | J |       | 100      | Ш        |         |   |   |      |   |          | Ш      | لـــا     |

| Cla      | aim   |          |          |          | _            | Date         | е        |              |            |                                     | ]  |
|----------|---|----------|----------|----------|--------------|--------------|----------|--------------|------------|-------------------------------------|----|
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|          | 103   |          |          |          |              |              |          |              |            |                                     | 1  |
|          | 104   |          |          |          |              |              |          |              |            |                                     | 1  |
|          | 104<br>105                                    |          |          |          |              |              |          |              |            |                                     |    |
|          | 106   |          |          |          |              |              |          |              |            |                                     |    |
|          | 107   |          |          |          |              |              | _        |              | <u>_</u>   |                                     |    |
| <u> </u> | 108   | _        |          |          |              |              | <u> </u> |              | <u> </u>   |                                     | l  |
|          | 109<br>110                                    |          |          | _        | _            |              | <u> </u> |              | <u> </u>   |                                     | l  |
| <u> </u> | 110   |          | L.       | <u> </u> | _            |              | <u> </u> |              | <u> </u>   |                                     | l  |
| <u> </u> | 111   | <u> </u> | L.,      |          | <u> </u>     |              | <u> </u> |              | <u> </u>   |                                     | l  |
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|          | 118   | _        |          |          | <u> </u>     |              | _        |              | <u> </u>   |                                     | ł  |
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| -        | 130   | -        | _        | $\vdash$ | -            | -            | -        | $\vdash$     | -          |                                     | ł  |
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|          | 136<br>137                                    |          |          | Г        |              |              |          |              |            |                                     | 1  |
|          | 137   |          |          |          |              | Г            |          |              |            | Г                                   | 1  |
|          | 138   |          |          |          |              |              |          |              |            |                                     | 1  |
|          | 139<br>140                                    |          |          |          |              |              |          |              |            |                                     | 1  |
|          | 140   |          |          |          |              |              |          |              |            |                                     |    |
|          | 141   | L        |          | _        | _            |              |          |              |            |                                     |    |
|          | 142   | Ш        | _        | _        |              |              |          |              |            | L                                   | 1  |
|          | 143   |          |          | _        | <u> </u>     |              | <u> </u> |              | _          |                                     |    |
|          | 144   |          |          | _        | _            |              |          |              |            | _                                   | Į  |
| L        | 145   | Щ        | _        | <u> </u> | <u> </u>     | $\sqcup$     | _        |              | _          | _                                   | ŀ  |
|          | 146   | _        | !        | <u> </u> | <u> </u>     | L            | <u> </u> |              | <u> </u>   | L_                                  | ļ  |
|          | 147   |          |          | _        | <u> </u>     | L.           | <u> </u> | L_           | L_         | L.                                  | l  |
| <u> </u> | 148   | L.,      |          | <u> </u> | <u> </u>     | _            | <u> </u> | L            |            | L                                   | l  |
|          | 149   | Щ.       | _        | <u> </u> | <u> </u>     | _            | <u> </u> | $oxed{oxed}$ | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | l  |
|          | 150   |          |          |          |              |              | L_       | _            |            | L                                   |    |